

The Journal
OF THE
Royal United Service Institution.

VOL. XXIV.

1881.

APPENDIX.

PROCEEDINGS OF THE FIFTIETH ANNIVERSARY
MEETING.

THE FIFTIETH ANNIVERSARY MEETING of the Members was held in the Theatre of the Institution, on Saturday, March 5, 1881.

THE RIGHT HON. HUGH C. E. CHILDERS, M.P., Secretary of State for War, in the Chair.

- I. The Secretary read the notice convening the Meeting.
- II. The Minutes of the last Anniversary Meeting were taken as read.
- III. The Fiftieth Annual Report was read as follows:—
 1. The Council, on submitting their Annual Report, congratulate the Members on the Institution having attained its FIFTIETH Anniversary.

MEMBERS.

2. Fifty-six Life Members and One hundred and ninety-nine Annual Subscribers, making a total of Two hundred and fifty-five new Members, joined the Institution during the past year. The loss by death amounted to Ninety-seven, and Fifty-eight Members withdrew their names, whilst the names of Forty-two have been struck off the list in consequence of the non-payment of their subscriptions, after frequent applications. The increase therefore is Fifty-eight.

STATEMENT OF CHANGES AMONG THE MEMBERS SINCE
1st JANUARY, 1879.

	Life.	Annual.	Total
Number of Members, 31st December, 1879 ..	1,214	3,259	4,473
" " joined during 1880 ..	56	199	255
	<hr/>	<hr/>	<hr/>
	1,270	3,458	4,728
Changed from Annual to Life	+ 10	- 10	
	<hr/>	<hr/>	<hr/>
	1,280	3,448	4,728
	<hr/>	<hr/>	<hr/>
	Life. Annual.		
Deduct—Deaths during 1880 ..	16	81	
Withdrawals ..	—	58	
Struck off ..	—	42	
	<hr/>	<hr/>	
	16	181	
	<hr/>	<hr/>	<hr/>
	16	181	197
	<hr/>	<hr/>	<hr/>
Number of Members on 1st January, 1881	1,264	3,267	4,531
	<hr/>	<hr/>	<hr/>

A tabular analysis of the present and past state of the Institution will be found in Appendix A, page viii.

FINANCE.

3. An Abstract of the Accounts, duly audited, will be found on the following page.

FROM 1ST JANUARY TO 31ST DECEMBER, 1880.

PROCEEDINGS OF THE FIFTIETH ANNIVERSARY MEETING.

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[illegible]

T. D. SULLIVAN, Accountant.

Examined and found correct—
8th February, 1881.

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ESTIMATE OF RECEIPTS AND EXPENDITURE FOR THE YEAR 1881.

EXPENDITURE.			RECEIPTS.		
	£	s. d.		£	s. d.
Secretary's Salary and Lodging allowance	400	- -	Balance at Bankers, 31st Dec., 1880	90	- -
Librarian and Accountant's do	250	- -	Annual Subscriptions :		
Clerk's do.	130	- -	£ s. d.		
Servants' Wages	550	- -	At 10s. .. 200	- -	
Ditto Clothing	65	- -	Above 10s. 2,800	- -	
Insurance	18	- -		3,000	- -
Ground Rent	205	- -	Entrance Fees	200	- -
Fuel	60	- -	Dividends	450	- -
Lighting	60	- -	Interest on Exchequer Bills	10	- -
Assessed and Income Taxes	80	- -	Government Grant	600	- -
Parish and Water Rates	100	- -	Sale of Journals	140	- -
Artificers, Repairs, &c. ..	200	- -			
Museum	50	- -			
Gold Medal	12	- -			
Library and Topographical Departments	250	- -			
Advertisements	125	- -			
Printing Circulars, & Stationery	150	- -			
Maps, Diagrams, &c., for Lectures	50	- -			
Journals, including Printing Annual Report and List of Members	1,400	- -			
Postage of Journals	200	- -			
Postage	30	- -			
House Expenses and Sundries	60	- -			
Balance	65	- -			
Total	£4,640	- -	Total	£ 4,640	- -

LIFE SUBSCRIPTIONS AND CAPITAL ACCOUNT.

4. Life Subscriptions to the amount of £450, including £256 10s. not invested last year, have been invested in New Three per Cents., producing £458 2s. 11d., thus raising the funded property of the Institution on the 1st January, 1881, to £12,964 1s. 10d.

The Council have since then invested £500 (including a bequest by General Stanhope of £100), in Three Per Cent. Consols.

LECTURES AND JOURNAL.

5. Twenty-seven papers, followed by discussions, were read in the Theatre of the Institution during the past year. For list of subjects, see Appendix B, page ix.

The Institution is greatly indebted to the authors of these papers for the valuable professional information they afforded.

The Council continue to receive assurances of the universal esteem in which the Journal is held.

In order to form an idea of the circulation of the Journal, it may be stated that about 18,400 copies of the Numbers of the Journal were issued during the past year.

LIBRARY.

6. The Library now contains 19,565 volumes, of which three hundred and ninety-five have been added since the last Report, two hundred and twenty-five having been purchased and the remainder presented.

Donations of books and maps have been received from the Governments of Austria, Denmark, France, Germany, Italy, the Netherlands, Russia, Spain, Sweden, Switzerland, and the United States.

The thanks of the Council have been conveyed to the several Governments for these donations.

The Institution is indebted to the Lords Commissioners of the Admiralty, and to the Secretaries of State for War and India, for copies of various works issued by their departments.

The exchange of Journals with Foreign Governments, and with several Scientific Societies in this and other countries, has been continued.

The Council record with pleasure a donation of £12 from General Charles Stuart for investment in books for the Library.

MUSEUM.

7. The additions to the Museum and the Library will be found duly recorded in "The Proceedings" of this day's Meeting and in the Appendix to Vol. XXIV. of the Journal.

VICE-PATRON.

8. The Council regret to record the death of Field-Marshal Sir Charles Yorke, G.C.B., a Vice-Patron of the Institution.

Sir Charles Yorke became a Member of the Institution in 1856, and, on promotion to the rank of Field-Marshal in 1877, was elected a Vice-Patron.

VICE-PRESIDENTS.

9. The Council also record with much regret the death of General Spencer Stanhope, who was for 36 years a Vice-President of the Institution, and took much interest in the management of its affairs.

General Stanhope was one of the original Members of the Institution, and was elected on the Council in 1837.

The Council have elected as Vice-Presidents of the Institution, Colonel Henry Hume, C.B., and Mr. W. F. Higgins, late of the Colonial and War Offices, who have been for many years active Members of Council.

CORRESPONDING MEMBERS OF COUNCIL.

10. A few of the Corresponding Members have during the past year brought a considerable accession of new Members to the Institution, the Council invite the hearty co-operation of all their Corresponding Members in obtaining additional Members from all branches of Her Majesty's Service.

GOLD MEDAL.

11. Nine Essays were received in competition for the Gold Medal, the subject being—

“Military Operations in the United Kingdom considered, particularly as influenced by the enclosed nature of the country.”

General Sir Frederick W. Hamilton, K.C.B., Colonel Sir Lumley Graham, Bart., and Lieut.-Colonel Lonsdale A. Hale, kindly undertook the duties of Referees. Their award will be made known to the Meeting and the Medal will be presented.

The subject for the Naval Essay for this year is—

“On the best method of providing an Efficient Force of Officers and Men for the Navy, including the Reserves.”

The competition is open to Members of the Institution and to all who are eligible to become Members.

12. The following Members retire from the Council by rotation:—

Rear-Admiral E. HARDINGE, C.B.	Major-General G. W. A. HIGGINSON, C.B.
Admiral Hugh DUNLOP, C.B.	Lieut.-General C. P. B. WALKER, C.B.
Colonel C. B. P. NUGENT, C.B., R.E.	Colonel E. H. CLIVE, Commanding
Vice-Admiral M. S. NOLLOTH.	Grenadier Guards.
Lt.-Gen. Sir JOHN M. ADYE, K.C.B., R.A.	

The Council submit the names of twelve Members, from which vacancies may be filled up. The first eight on the list are proposed for immediate election, viz. :—

Vice-Admiral M. S. NOLLOTH.	} For re-election.
Lieut.-General C. P. B. WALKER, C.B.	
Colonel CLIVE, E. H., Commanding Grenadier Guards.	} For immediate election.
Major-General Sir E. B. HAMLEY, K.C.M.G., C.B.	
Rear-Admiral Sir WILLIAM N. W. HEWETT, V.C., K.C.B.	
Major S. J. NICHOLSON, R.A.	
Colonel H. SCHAW, R.E.	
Admiral Sir GEORGE G. WELLESLEY, K.C.B.	
Commander S. M. EARDLEY WILMOT, R.N.	
Major-General Lord CHELMSFORD, G.C.B.	
Vice-Admiral W. M. DOWELL, C.B.	
Colonel G. H. MONCRIEFF, Scots Guards.	

CONCLUSION.

In concluding their Fiftieth Annual Report, the Council point with satisfaction to the increase in the number of the Members, to the sound condition of the finances, and to the high estimation in which the Institution is held, at home and abroad.

APPENDIX A.

TABULAR ANALYSIS OF THE STATE OF THE INSTITUTION
To 31st of December, 1880.

Year. 1st Jan. to 31st Dec.	Annual Subs. received.	En- trance Fees.	Income (from all sources).	Life Subs. received.	Amount of Stock.	Invested in the purchase of Books, &c.	No. of Vols. in Library.	No. of Members on the 31st Dec.	Number of Visitors.
	£	£	£	£	£	£			
1831	654	..	654	1,194	..	..	..	1,437	..
1832	1,146	..	1,146	973	..	..	..	2,699	..
1833	1,405	..	1,450	692	..	..	..	3,341	..
1834	1,500	..	1,549	583	1,100	..	..	3,748	13,376
1835	1,480	..	1,574	366	2,430	40	..	4,155	8,537
1836	1,570	..	1,682	330	3,747	45	..	4,069	8,521
1837	1,549	..	1,747	222	4,747	180	..	4,164	10,907
1838	1,462	..	1,634	230	5,500	246	..	4,175	15,788
1839	1,399	..	1,565	168	5,500	292	..	4,186	16,248
1840	1,363	..	1,525	198	5,500	446	5,500	4,257	17,120
1841	1,450	..	1,643	186	6,000	243	5,850	4,243	19,421
1842	1,373	..	1,565	144	6,400	373	6,450	4,127	21,552
1843	1,299	..	1,494	140	6,700	237	7,000	4,078	27,056
1844	1,274	..	1,408	112	3,000	298	7,850	3,968	22,767
1845	1,313	..	1,466	228	1,500	127	8,100	3,988	21,627
1846	1,298	..	1,456	138	1,500	74	8,410	4,031	32,885
1847	1,314	74	1,502	132	1,700	37	..	4,017	38,699
1848	1,175	57	1,375	48	1,700	85	9,641	3,947	37,140
1849	1,176	72	1,375	84	1,150	58	..	3,970	33,333
1850	1,141	166	1,294	198	600	36	..	3,998	33,773
1851	1,136	131	1,292	66	666	34	10,150	3,188	52,173
1852	1,134	133	1,281	114	200	43	10,300	3,078	20,609
1853	1,243	319	1,684	264	528	41	10,420	3,251	25,952
1854	1,200	138	1,368	126	612	95	10,587	3,171	22,661
1855	1,159	107	1,289	120	653	55	10,780	3,131	14,778
1856	1,216	197	1,519	156	761	47	10,832	3,204	16,184
1857	1,258	176	1,937	78	1,038	40	10,960	3,168	12,755
1858	1,318	221	2,102	105	438	31	11,062	3,246	25,747
1859	1,526	195	2,277	512	946	70	11,320	3,344	28,739
1860	1,361	298	3,577	397	2,173	114	11,517	3,518	28,011
1861	2,122	305	2,899	266	2,846	99	11,812	3,689	23,296
1862	2,296	242	3,127	239	3,178	109	12,026	3,797	27,215
1863	2,379	218	3,100	405	3,583	143	12,296	3,847	18,150
1864	2,425	215	3,253	222	4,516	116	12,700	3,902	17,276
1865	2,435	154	3,467	235	4,804	137	13,000	3,895	18,253
1866	2,435	157	3,488	299	5,486	150	13,327	3,891	17,067
1867	2,431	141	3,467	208	5,732	140	13,800	3,823	17,211
1868	2,446	184	3,534	297	6,396	119	14,100	3,812	16,417
1869	2,368	165	3,485	238	6,653	232	14,669	3,792	15,947
1870	2,376	178	3,493	333	7,313	140	15,055	3,831	18,654
1871	2,455	237	3,677	538	7,748	202	15,501	3,922	19,420
1872	2,620	336	4,111	713	8,927	192	15,761	4,116	19,773
1873	2,776	295	4,316	535	9,465	222	16,227	4,276	18,183
1874	2,819	216	4,491	409	10,189	218	16,624	4,330	16,771
1875	2,801	154	4,595*	469	10,721	228	17,000	4,308	15,960
1876	2,794	162	4,500	437	11,305	171	17,700	4,320	15,543
1877	2,840	218	4,750	526	11,725	217	18,300	4,405	15,682
1878	2,881	231	4,700	459	12,091	231	18,750	4,485	17,881
1879	2,904	180	4,490	407	12,505	254	19,170	4,473	15,529
1880	2,962	255	5,115*	577	12,965	240	19,565	4,531	13,041

* A legacy of £100 was received this year.

APPENDIX B.

PAPERS READ DURING 1880.

- CAPTAIN C. ORDE BROWNE, late R.A. On "Lessons to be learnt from Krupp's Meppen Experiments last year."
- MR. BEAUCHAMP TOWER. On "Tower's Revolution Indicator."
- MAJOR J. M. MOODY, R.M.L.I. On "Sadler's Double-Rudder and Moveable Propeller Steamship."
- MR. P. ADIE. On "Adie's Telemeter."
- COMMANDER V. LOVETT CAMERON, C.B., R.N. "On his Travels in Mesopotamia: especially with reference to the proposed Euphrates Valley Railway."
- MR. B. B. HOTCHKISS. On "Hotchkiss' Revolving Guns."
- DONALD CURRIE, Esq., C.M.G. "On the Adaptation of Ocean Steamers to War-purposes."
- MAJOR A. S. WYNNE, 51st L.I. "On Heliography and Army Signalling generally."
- REAR-ADMIRAL C. MURRAY AYNESLEY, C.B. "On the preservation of Boilers."
- MAJOR A. PARNELL, R.E. "Remarks on the application of Iron-plating to the protection of Men-of-War, with suggestions regarding the employment of unarmoured fighting Ships in European Squadrons."
- MAJOR W. GEDDES, 53rd Regiment. "On Manual Transport."
- MAJOR A. R. HEYLAND, 1st Bombay Light Cavalry. "Suggestions on Military Transport for rapid Movements."
- MAJOR WILKINSON SHAW. "On Army Transport; the Organization and Tactics of Military Convoys in War."
- PROFESSOR ARMINIUS VÁMBÉRY. "On the past and future of the Turcomans."
- CAPTAIN WILLIAM GILL, R.E. "On the Chinese Army."
- SIR WILLIAM THOMSON, Knt., F.R.S., LL.D. "On Improvements in his Patent Compass."
- CAPTAIN WALTER H. JAMES, R.E. "On Modern Fire, its influence on Armament Training and Tactics."
- CAPTAIN SAMUEL LONG, R.N. "On the Tactical aspect of the Utilization of Ocean Steamers for War Purposes."
- COLONEL GEORGE G. WALKER, Commanding Scottish Borderers Militia. "On Our Militia, and how to improve it."
- Discussion on the Naval Prize Essay. Subject: "Naval Tactics on the open sea with the existing types of Vessels and Weapons."
- MAJOR-GENERAL SIR MICHAEL A. BIDDULPH, K.C.B., R.A. "On the March of the Quetta Column from the Indus to the Helmund River and back."
- MAJOR-GENERAL SIR FREDERIC GOLDSMID, K.C.S.I., C.B. On "From Bamean to Sonmeance Bay."
- T. NORDENFELT ESQ. "On Nordenfelt Guns generally." |
- LIEUTENANT DOUGLAS C. DEAN-PITT, R.A. "On a Transport Service for Asiatic Warfare, with a brief account of the Transport Operations from Sukkur to Quetta, in 1879."
- J. K. LAUGHTON, Esq., M.A., R.N. "On Naval Promotion, Arithmetically and Historically considered."
- LIEUTENANT-COLONEL G. U. PRIOR, 100th Regiment. "On Entrenching Tools."
- MAJOR GEORGE SALIS-SCHWABE, 16th Lancers. "On Carrier Corps and Coolies on Active Service in China, India, Africa, 1860-1879."

The CHAIRMAN:—

Gentlemen,—Before calling upon Sir Garnet Wolseley to move the first Resolution, perhaps you will permit me to say that I very much regret it is not in my power to continue in the Chair, as I am anxious to say farewell to Sir Frederick Roberts, who leaves Paddington in the course of three quarters of an hour, and that Lord Morley has kindly consented to take the Chair, at the request of the Council, in my place. May I only be allowed then to say that I always have taken, and, I always hope to take, the greatest interest in the welfare of this Institution, and that the Members may rely upon every aid in my power being given to promote its interests? I thank you very much for allowing me to take the Chair to begin with, and now to vacate it.

Mr. Childers then vacated the Chair, which was taken by the Earl of Morley, Under Secretary of State for War.

IV. Lieut.-General Sir GARNET J. WOLSELEY, G.C.B., G.C.M.G. :—

My Lord and Gentlemen,—I think it must be a subject for general congratulation to all who, like myself, take a great interest in the welfare of this Institution, to learn from the Annual Report which we have just heard read that our financial state, if not in a very flourishing condition, at least continues to prosper. The interest taken in this Institution by Officers of the Army, the Navy, and the Reserve Forces, for whose benefit and use it exists, is evinced by the steady annual increase of the Members who join us. This of itself shows the great value and importance that they attach to the Institution, and how much they appreciate the advantages it offers to them. Since our last Annual Meeting in this Theatre, we have lost several very able Members, to some of whom reference has been made in the Report we have just heard. I think I shall be pardoned if, especially at this moment, I refer to the name of one who, I am sure, was respected and loved by all who knew him—one who was an intimate and personal friend and comrade of my own; I feel convinced, therefore, that you will pardon me if I specially refer to him. My Lord, Sir George Pomeroy Colley was an Officer whom I knew well, and to whom I myself have been personally deeply indebted. He was one known to the Army generally as a man deeply read in the science of his profession, and I think I am not exaggerating when I say, that a large section of the young Officers of the Army, who are now rising and coming prominently before the public, owe a deep debt of gratitude to him, for the valuable instruction they received under his fostering care whilst in the Staff College. This Institution is also greatly indebted to him; and I cannot help feeling that in his decease the country has sustained a very serious loss. That he was gallant, the mode of his death is an ample witness; and I think I may say I express the feelings of all who heard of him, when I say that Her Majesty in losing him has lost one of her most brilliant and one of her most gallant soldiers. I think I am justified in saying that I have either read or heard delivered every lecture on a military subject that has been given in this Theatre, and I am sure I am expressing the feelings of my comrades generally throughout the Army, in publicly acknowledging, on my own part and theirs, how much we owe to those valuable lectures which from time to time are given here, and for the extremely valuable information contained in the Journals which are annually distributed throughout the Army. I am glad to say that, in the discussions which take place here frequently after the lectures, the very valuable and proper rule which is laid down in Her Majesty's Regulations, forbidding discussions on subjects connected with discipline or bearing in any way on the discipline of the Army, is strictly adhered to. But I think it is very desirable that all Members who from time to time take part in our discussions, and especially those who have the privilege of presiding at our meetings, should remember that there is the strongest possible line of demarcation existing between topics that bear directly on the discipline of the Army, and those that have reference only to its organization and

to our system of administration. I cannot help feeling that the more freely and the more frequently subjects connected with our organization are discussed in public, the better it will be for the Army itself, and the better will the public outside be enabled to appreciate the weak points in our armour, and what is good and what is bad in our military system. I hope, my Lord, that the time is far distant indeed when any attempt whatever will be made officially to restrain or restrict in any way whatever those discussions to which, I am sure, a large number of the Army attach very much importance, believing them to be equally serviceable, and equally essential to the good of the Service and to the welfare of the State. I have great pleasure in moving "That the Report now read, be adopted and printed for circulation amongst the Members."

Mr. E. R. RAIT:—

I have great pleasure in seconding the Resolution, and, while recognising the extreme value of this Institution, I may perhaps suggest that some pains should be taken as soon as possible to extend the accommodation afforded here, in order to induce young Officers of the Services to join the Institution for the purpose of study. I believe it is universally admitted that, in consequence of the extreme reading necessary, if I may use the word "cramming," for young Officers to pass the Competitive Examinations, the immediate result is that they throw aside all books as soon as they are successful, and hate the sight of anything of an instructive character. I think if a Reading and Conversation Room were provided in this Institution, that many of these Officers would come in as a matter of convenience to themselves, in the first instance, and ultimately by being brought in contact with the master minds of the two Services, be induced to take an interest in those subjects which are of such great importance to the Services.

The Resolution was then put from the Chair, and was carried unanimously.

V. The names of the eight Members retiring from the Council by rotation were read as follows, viz.:—

Rear-Admiral E. HARDINGE, C.B.
Admiral HUGH DUNLOP, C.B.
Colonel C. B. P. NUGENT, C.B., R.E.
Vice-Admiral M. S. NOLLOTH.
Lt.-Gen. Sir JOHN M. ADYE, K.C.B., R.A.

Major-General G. W. A. HIGGINSON, C.B.
Lieut.-General C. P. B. WALKER, C.B.
Colonel E. H. CLIVE, Commanding
Grenadier Guards.

General Sir RICHARD WILBRAHAM, K.C.B.:—

My Lord and Gentlemen,—I have much pleasure in moving the following Resolution, "That the thanks of this Meeting be given to the Members of the Council who retire by rotation, and that the following Members be elected to fill the vacancies":

Vice-Admiral M. S. NOLLOTH.

Lieut.-General C. P. B. WALKER, C.B.

Colonel E. H. CLIVE, Grenadier Guards.

Major-General Sir E. B. HAMLEY, K.C.M.G., C.B.

Rear-Admiral Sir WILLIAM N. W. HEWETT, ~~E.C.~~, K.C.B.

Major S. J. NICHOLSON, R.A.

Colonel H. SCHAW, R.E.

Admiral Sir GEORGE G. WELLESLEY, K.C.B.

} For re-election.

} For immediate election.

I also have to propose, "That the following names of Members be adopted from which to select in case of vacancies occurring in the Council," viz.:

Commander S. M. EARDLEY WILMOT, R.N.
Major-General Lord CHELMSFORD, G.C.B.
Vice-Admiral W. M. DOWELL, C.B.
Colonel G. H. MONCRIEFF, Scots Guards.

I am sure, my Lord, after hearing the very satisfactory Report to which we have listened as to the state of the Institution, and the remarks which fell from Sir Garnet Wolseley as to the value of the lectures and discussions that have taken place here, it is unnecessary for me to point out to the Meeting that our thanks are due to all the Members of the Council, under whose able management these results have been attained.

On the present occasion I have to call upon you to express your thanks more especially to those who are about to retire from the share they have taken in its deliberations.

In proposing to you the names which I have just read, either for immediate election or to fill up future vacancies, it is a great satisfaction to find that, though we lose annually so many valuable Members of Council, we have no difficulty in replacing them. We have always an ample supply of able and distinguished Officers of both Services ready to fill their places. And the more Officers who can pass through the Council of this Institution, the better, I think, will it be for the Service. No one, I am sure, whatever may have been his length of service or previous experience, can sit for some years at the Council Board without learning a great deal himself, and without feeling a warmer and more intelligent interest in all that concerns the welfare and efficiency of the Army and Navy.

Captain CYPRIAN BRIDGE, R.N.:—

I have great pleasure in seconding the motion which has been proposed by General Wilbraham. The pleasure would have been greater if it were not for the conviction, (which it is impossible to shake off), that the duty might have been entrusted to abler and more experienced hands. In any case, it is agreeable to be able to take advantage of the first opportunity that has occurred, to publicly thank those gentlemen who have given up so much of their time in order to place at the disposal of Officers of both Services, the ample means for making themselves acquainted with the many important branches of their professions which exist within the walls of this Institution. It has been said, and it is to be feared with truth, that we Naval Officers especially do not avail ourselves to the extent that we might of the advantages that this Institution holds out to those who desire to study many most important branches of their duty. It certainly is the case in our own Service, that we have very few opportunities of doing so. We have nothing answering to the Royal Artillery Institution, or the Royal Engineer Institution, which the Officers of those two gallant and distinguished branches of the Service have with so much self-sacrifice and zeal established for themselves. The Royal United Service Institution is the only establishment of the kind at the disposal of Naval Officers, and it is the only place where such Officers are enabled to acquaint themselves with the improvements being made, and all that is going on in connection with their profession. In support of that I may mention a circumstance that occurred yesterday. On coming down to this Institution I had the pleasure of accompanying a Naval Officer of well-known name and high repute, who has commanded several ships, and he told me he was coming down here to hear a lecture delivered by a very distinguished man of science, Sir Wm. Thomson, on a subject of immense importance to the sea-faring profession, because, as he said, he had absolutely no other means at his disposal, as a Naval Officer not actually employed, of finding out or learning anything about it. I may be allowed to say this:—If Naval Officers are afraid that they will not be met here with all courtesy and kindness, I can give them my personal assurance, so far as that is of any value (and I am sure I am one who has taxed to the utmost the kindness and consideration of the Officers of this Institution), that if they come here they will meet with unfailing courtesy, and with an unvarying, even a persistent desire on the part of both the Secretary and the Librarian to do their

utmost to afford them every facility in their power for making researches here. We owe our thanks both to the Members of the Council who have devoted so much of their time to these matters, and also to the Officers of the Institution, for the assistance they have rendered us. I can say this on my own part, as I come here very often, and I know they will afford the same assistance to my brother Officers who may come here to avail themselves of the privileges of this Institution. I therefore feel great pleasure in seconding the Resolution which has been placed in my hands.

The Resolution was then put from the Chair, and was carried unanimously.

Colonel KEATINGE, *W.C.*, C.B. :—

My Lord and Gentlemen,—We all know that the most useful services are often those that are the least showy; and we must all acknowledge the great necessity there is for keeping the finances of an Institution like this, in good order. It is therefore with the greatest pleasure that I propose the following Resolution:—"That the thanks of this Meeting be given to the Auditors for their valuable services; and that the following Gentlemen be elected for the ensuing year, namely: E. T. DRAPER, Esq., for re-election; E. R. RAIT, Esq.; Captain J. E. A. DOLBY (who, I may remark, has already served as an Auditor for twenty-four years); and T. G. RIDGWAY, Esq." It is quite unnecessary for me to add anything further in recommending these names.

The Resolution having been seconded by Lord ELCHO, was put from the Chair, and was carried unanimously.

VII. The Secretary read the Report of the Referees on the Military Prize Essay, and, in accordance with that Report, the Gold Medal was presented by the Chairman to Captain J. K. Trotter, R.A., a student at the Staff College.

The Essay written by Captain F. F. Cutler, of the Dorset Militia, was recommended to be printed; and that by Captain J. D. Legard, R.A., (also a student at the Staff College), received Honourable Mention.

Admiral the Right Hon. Sir JOHN HAY, Bart., C.B., M.P. :—

My Lord and Gentlemen,—The Resolution which has been entrusted to me has reference, of course, to the most agreeable sight we have just witnessed, of distinguished Officers competing and obtaining the rewards which are much valued by the public and also by the Services. We must never forget, however, that we are indebted to the Referees, Sir Frederick Hamilton, Sir Lumley Graham, and Colonel Hale, for the great pains and trouble they have taken in investigating the merits of the Essays which have been submitted to them. It is always an invidious task to have to make decisions of this character, more especially when there are three Essays, as it seems from their Report, of conspicuous merit. It is fortunate, however, that we have Officers in both Services, and especially so on the present occasion, to whom we can look with a certainty, not only as to their impartiality, but also to their skill and talent in deciding correctly questions of this character. It must be satisfactory, not only to Captain Trotter, but also to this Institution, and to the Services of which he is now a distinguished member, to know that such Officers as General Hamilton, Colonel Graham, and Lieutenant-Colonel Hale have borne testimony to his talents, and that the Service generally can rely upon the justice of their decision. I am quite sure when Officers of this character devote their time to consideration of such a subject, and have come doubtless to so satisfactory conclusion, it is our duty to thank them most heartily for the trouble and pains they have taken. I therefore propose, "That the thanks of this Meeting be given to the Referees for their valuable services in adjudicating on the Military Prize Essay."

General Sir JOHN ADYE, K.C.B., R.A. :—

My Lord and Gentlemen,—I have much pleasure in seconding this Resolution, and cordially agree with the gallant Admiral in the remarks he has made on the subject. We all know that these Essays require careful consideration and the expenditure of much time on the part of the distinguished Officers who have been good enough to give us their assistance. I therefore beg heartily to second the Resolution. I hope I may be allowed to express the pleasure I feel, that an Officer of the branch of the Service to which I have the honour to belong, has again carried off the Gold Medal of this Institution.

The Resolution was then put from the Chair, and was carried unanimously.

VIII. Admiral Sir FREDERICK NICOLSON, Bart., C.B. :—

The resolution I have to move is rather a matter of form than anything else. The Council are naturally desirous of opening the door as wide as they can to the admission of new Members, and they therefore propose some alterations in that Section of the bye-laws which relates to the composition of the Institution. I think I shall best explain it by reading the first paragraph of that section which will explain what the alteration is: Those who may "become Members without ballot" are "Princes of the Blood Royal, Lord Lieutenants of Counties, Governors of Colonies and Dependencies, Officers of the Army, Navy, Marines, Her Majesty's East Indian," and now come the words we propose to add, "and Colonial Military and Naval Forces." Our object is to induce members of the Colonial Forces to join the Institution. Then after the words "Volunteer Corps," we propose to add "as published in the official Army and Navy Lists," the object being, to specify that the Officers of Volunteer Corps the names of which are in the Army and Navy Lists, shall be entitled to become Members like any other Officers of the Army and Navy. The only other alteration is rendered necessary by the change in the mode of Officers entering the Army. I will read the paragraph as it will now stand: "Naval and Military Cadets above the age of 15 shall be admissible by ballot to become provisional Members year by year, on payment of an annual subscription, and after they obtain their appointments, they may become ordinary Members on payment of the entrance fee." I think those two alterations will commend themselves to the Meeting, and may be accepted without any further explanation.

General BEAUCHAMP WALKER, C.B. :—

I have great pleasure in seconding the Resolution.

The Resolution was then put from the Chair, and was carried unanimously.

The Chairman having announced that the business of the day was concluded, vacated the Chair, which was taken by Sir Frederick Nicolson, Chairman of the Council.

Admiral Sir COOPER KEY, K.C.B. :—

I rise to propose a vote of thanks to our Chairman of to-day. When gentlemen holding the high position of Secretary of State for War, like Mr. Childers, or Under-Secretary, like Lord Morley, give up their time and come here to show their appreciation of the work of this Institution, we cannot help feeling that it must be a very great spur to the work of the Council, and also a great encouragement to young Officers and others, to come forward and take their part either in reading papers or in the discussions which are held here. I wish most distinctly to confirm

what fell from my friend Sir Garnet Wolseley, as to the great advantages derived by the two Services from the discussions in this Institution, and from the papers that are here read. I perhaps would not go quite so far as Sir Garnet, in encouraging discussions with reference to the administration of the two Services, but I do say that any discussions on organization and upon inventions, and other matters connected with the benefit of the Services, must be of great use to us all. I have attended various meetings here for many years, and I have never heard a word uttered in this Theatre that has been intended to weaken the discipline of either Service, and I have heard much that has been in a greater or less degree for the benefit of the Services. I may say a word with regard to the Essay for the next year, which is upon a most important subject, namely, "On the Best Method of Providing an Efficient Force of Officers and Men for the Navy, including the Reserves." I wish to say to those Officers (of whom I hope there are many present) who are going to compete for the Medal, that I trust they will not attempt to recommend any radical and great changes in the organization of our Service, but will deal with the subject by considering improvements on the present lines of organization. This, no doubt, will be of great advantage to all who have to deal with the administration of the Navy, and information upon which, all Officers in the Service, both at home and abroad, will be very glad to obtain. I have no doubt the subject, which is an important one, will have the effect of producing some valuable Essays. I beg to propose a vote of thanks to the Chairman, who has been good enough to preside to-day.

General BEAUCHAMP WALKER :—

Mr. Chairman and Gentlemen,—I have very little to add to what has been so ably said by Sir Cooper Key; but although politics are strictly prohibited in any discussion that takes place in this Institution, I think I may be allowed to make the remark that there is one good derived from our Parliamentary form of Government, and that is, that we attract to us gentlemen and noblemen like Mr. Childers and Lord Morley, who otherwise would have had no very intimate connection with the Army or Navy, and I hope that through the relations which are established and carried out during their term of office, that acquaintance will be increased, and that they will be led to look with kindly feeling and with discriminating eye on all matters connected with the two professions. I have therefore very great pleasure in seconding the vote of thanks to Lord Morley for taking the Chair to-day.

The Resolution was carried with acclamation.

Lord MORLEY :—

I thank you extremely for the vote you have just passed to me for taking the Chair on this occasion. I can only say I somewhat regret that I am in this position to day, because you have been deprived of having Mr. Childers with you throughout the whole Meeting; but he came down here, as you saw, to show the great interest that he takes in this Institution. I regret his absence all the more because I believe that this is the 50th Anniversary of your Institution, and it appears to me that Mr. Childers would have been a most appropriate Chairman on such an occasion, as he has within a very few years held the administration of the two great branches of the Service; therefore, it would have been especially appropriate for him, taking the great interest which we know he does both in the Army and Navy, to have presided on your 50th Anniversary. I believe it is usual for the gentleman who holds the position I do at present, to say a few words before the business is concluded. I have very little to add to what has been already so ably said by Members of the Institution as to the great value that this Institution is to both branches of the Service. It is unnecessary to remind so many gentlemen of ability and scientific attainments how changed the circumstances and the appliances of war both by land and sea are at the present time; not merely have all appliances

and instruments of war attained an accuracy and complexity which they had not hitherto reached, but all operations of war involve a scientific knowledge far beyond what was formerly required by Officers; and in every respect, therefore, I venture to think that such an Institution as this, cannot but be of the greatest value to all gentlemen who really wish to study their profession. I regret to say I have not heard any of the interesting lectures that have been given during the past year; but looking through your Journals is quite sufficient to show how extremely important, both with regard to new inventions in offensive and defensive arms, and also with regard to important questions of military geography those lectures have been. They have been delivered by gentlemen who are the highest authorities on the various subjects on which they have lectured, and as that is so, I am very glad to find that the circulation of your Journal has been wider this year than ever before, that being in itself a proof that it is appreciated, and being appreciated, it must be of the greatest use. An expression fell from the gentleman who seconded the Resolution, rather expressing a fear that the cramming of young Officers prevented their pursuing their literary careers, after they had passed those examinations for which the cramming was necessary. I saw my gallant friend who has the management of Military Education (General Walker) shake his head when that observation was made. I know that my gallant friend is as much opposed to cramming, in the bad sense of the word, as any other sensible person must be; but when I see the large number of Members of this Institution, and when I hear valuable papers that have been written by them in their competitions for the Gold Medal, I cannot but think that many Officers at any rate pursue their literary careers far beyond the necessities of mere examinations. With regard to the Gold Medal, I venture to congratulate the gallant gentleman who has carried off the prize for an Essay on a most difficult and important subject in Military Organization. I see that two of the gentlemen who have been honourably mentioned to-day are from the Staff College, and the gentleman whose Essay is recommended to be printed (and I think this is worthy of notice) is in the Militia. It seems to me it cannot be too widely known that this Institution is open not only to the Regular but to the Auxiliary Forces; and I hope they will take full advantage of the great opportunities it gives them of studying the scientific portions of their profession. Both in numbers of Members, and in a financial respect, you are in a more satisfactory condition than ever you were; and in fact, from what has been said to day, and what is mentioned in the Annual Report, I do venture to congratulate you most sincerely upon your prosperous and useful condition. I believe it is not always a very desirable or kind thing to congratulate an Institution on its financial prosperity, but still that is a real test of its usefulness and popularity. I therefore congratulate the Institution upon the fact that its annual subscriptions and finances are in such a satisfactory condition. I do not know that I have anything further to add, except this, that I can assure you that both Mr. Childers and myself take a great interest in this Institution, and I am only echoing the sentiments which he would have uttered if he had been here when I say, that we at the War Office shall be prepared to do anything that we can to advance the interests and prosperity of an Institution which cannot but be of the greatest value to young and old Officers, both in the Army and Navy."

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LIBRARY.

Where London is the place of Publication, the word London is omitted.

Where no size of Volume is mentioned, the Work is in 8vo.

Where no date is mentioned, 1880 is the year of publication.

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ARMY.

Byng, Hon. L. F. G., Lieut. R. Horse Guards.	Trefusis, Hon. W. R., Lieutenant-Colonel 2nd Battalion Scots Guards	Foster, C. E., Major 58th Regt.
Fryer, John, C.B., Lt.-Col. 6th Dragoon Guards (Carabiniers).	Moncrieff, G. H., Col. 2nd Batt. Scots Gds.	Frampton, W. J., Lieut.-Col. 59th Regt.
Harnett, E., Col. 7th Dr. Gds.	Bigge, T. S., Col. 2nd Batt. 5th Fusiliers	Gunter, E. Capt., 59th Regt.
Hozier, W. J., Lt.-Col. Scots Greys.	Cockburn, J. G., Major 1st Batt. 6th Regt.	Chalmer, R., Major 2nd Bats. 60th Royal Rifles
Burnell, H. D. A.P., Col. 7th Hussars	Glen, A., Captain 10th Regt.	Morris, A., Major 4th Batt. 60th Rifles
Watson, H. J., Captain 11th Hussars	Hare, E. H., C.M.G., Major 1st Batt. 11th Regt.	Murray, Wyndham, Major 61st Regt.
Russell, J. C., Lieut.-Colonel 12th Lancers	Parr, H. H., C.M.G., Capt. 1st Batt. 13th Light Inf.	Ready, J. T., Major 66th Regt.
Maillard, R. T., Capt. 16th Lancers	Layard, C.E., Major 1st Batt. 15th Regt.	Tulloch, A. B., Major 69th Regt.
Barrow, P. H. S., C.M.G., Major 19th Hussars	Cameron, H. H. A., Captain 16th Regt.	Hildyard, H. J. T., Capt. 71st H.L.I.
Crichton, Capt. the Hon. H. G. L. 21st Hussars	Tompson, W. D., C.B., Lt.-Col. 1st Batt. 17th Regt.	Barstow, T. A. A., Capt. 72nd Highlanders
Stirling, W., C.B., Col. R.A.	Jackson, F. G., Major 1st Batt. 21st R. Scots Fus.	Cornish, C. O., Capt. 73rd Regt.
Vesey, G. H., Major-Genl. R.A.	Browne, Edm. C. Capt., 2nd Batt., 21st R. Scots Fus., F.R.G.S.	Bengough, H. M., Lieut.-Col. 77th Regt.
Pennethorne, L. P., Capt. R.A.	Creek, E. S., Capt., 1 Batt. 23rd Royal Welsh Fusiliers	Burroughs, C. A. P., Lt. 82nd Regt.
Grant, W. J. E., C.B., Major-Gen. R.A.	Terry, F. S., Major 1st Batt. 25th Regt.	Beazley, G. G., Lieut.-Col. (late 83rd Regt.)
Hope, J. E., Major-Gen. R.A.	Hale, M. H., Lieut.-Col. 26th Regt.	Brown, Edgar Cubitt, Capt. 89th Regt.
Cockburn, C. F., Col. R.A.	Barton, E., Capt., 27th Regt.	Hall, Montagu, Lieut.-Col. 101s Royal Bengal Fusiliers
McMahon, C. J., Lt.-Col. R.A.	Brodigan, F., Lieut.-Col. 28th Regt.	Girardot, Geo. C., Lieut.-Col. 106th Light Infantry
Oldfield, R., Col. R.A.	Spratt, E. J. H., Major 29th Regt.	Wood, H. Lieut.-Col. 4th Batt. Rifle Brigade
Hutchinson, A. H., Lt.-Col. R.A.	Sweeney, G. Clayton, Major 32nd Regt.	Brownrigg, H. S., Major 3rd Batt. Rifle Brigade
Wake, A. J., Lieut.-Col. R.A.	Fawcett, R. Hill, Capt. 33rd Regiment.	Croker-King, C. E., Capt. and Paymaster Rifle Brigade
Morgan, J. P., Major R.A.	Golding, H., Capt. 37th Regt.	Bunbury, C. T., Major 1st Batt. Rifle Brigade
Knollys, H., Capt. R.A.	Wilson, W. H., Capt. 43rd Regt.	Bale, Capt. J. E., 1st W. I. Regt.
Owen, C. H., Col. R.A.	Rawlins, J., Lieut.-Colonel, late 48th Regt.	Halpin, B. C., Rev. M.A., late Chaplain to the Forces, and to H.R.H. The Duke of Cambridge, K.G.
Hime, H. W. L., Major R.A.	Farrington, M. C., Lt.-Col. 51st Regt.	Bancroft, W. C., Colonel. Brigade Depot, Preston.
De Butts, J. C. B., Col. R.E.		
Drake, J. M. C., Col. R.E.		
Harrison, B. C.B., Col. R.E.		
Innes, J. McLeod, J.C., Col. R.E.		
Smith, P. G. L., Lt.-Col., R.E.		
Stotherd, R. H., Col. R.E.		
Grover, G. E., Major R.E.		
Woodward C., Major R.E.		
Hinchingsbrook, Viscount. Lieut.-Col. 1st Batt. Gren. Gds.		

CORRESPONDING MEMBERS—continued.

<p>Morgan, H., Major, Paym. 16th Brigade Depot</p> <p>McDonald, A. M., Major-General</p> <p>Monblanc, E. B. de, Dep. Controller, H.P.</p> <p>Cox, J. W., C.B., Major-General</p> <p>Bolton, F. J., Lieutenant-Colonel Unattached.</p> <p>Pole, C. V. N., Lt.-Col. Unattached</p> <p>Davies, G. S., Major Unattached</p> <p>Stewart, W. L., Col. Unattached</p> <p>Walkey, R., Capt. R.A., Instructor of Artillery, Royal Military Academy</p> <p>Stoney, F. S., Lieut.-Colonel, late R.A.</p> <p>Strange, T. Bland, Lt. Col. R.A., Domini, Inspector of Artillery, Canada</p> <p>Robinson, C. W., Lieut.-Col. Rifle</p>	<p>Brigade, D.A.A. and Q.M.G., Aldershot</p> <p>Hale, L. A., Lieutenant-Colonel, h. p., R.E.</p> <p>Morton, G. de C., Lieut.-Colonel, 6th Regiment</p> <p>Rogers, E., Major, Staff Officer of Pensioners, Manchester, F.R.G.S.</p> <p>Robertson Ross, P., C.B., Major-General.</p> <p>Marsden, W., Capt. 82nd Regt.</p> <p>Goldsworthy, W. T., Lt.-Col.</p> <p>Travers, E. A., Lieutenant late 25th Regt.</p> <p>Bulger, G. E., Lieut.-Col. late 10th Regt.</p> <p>Robertson, A. Cunningham, Maj.-Genl, C.B.</p> <p>Petrie, M., Col. h.-p. 97th Regt.</p>	<p>Griffiths, E. St. J., Lt.-Col. late 1st Batt. 19th Regt.</p> <p>Bateman, H. W., Capt. late 31st Regt.</p> <p>Maclean, H. J., Lt.-Col. late 3rd Batt. Rifle Brigade</p> <p>Meaden, J., Lt.-Col., late Ceylon Rifles</p> <p>East, C. J., Lieut.-Col., h. p., late 57th Regt., Assistant Quartermaster-General.</p> <p>Lock, A. C. K., Col. Brig. Depot</p> <p>Woodgate, E. R. F., Major 4th R.O. Regt., Brigade-Major, Jamaica</p> <p>Thompson, R. T., Major 56th Music, Kneller Hall</p> <p>Mackinnon, W. C., Maj. h.p. 3rd Buffs, Asst. Adjt.-Gen., Bengal</p>
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INDIAN FORCES.

<p>Birch, W. B., Major Bengal Staff Corps</p> <p>Fosbery, G. V., B.G., Lt.-Col. late Bengal Staff Corps</p> <p>Gordon, J. J. H., C.B., Col. Commandant 29th Bengal Native Infantry</p> <p>Lloyd, E., Captain 4th Punjab Cavalry.</p> <p>MacGregor, Sir C. M., Col., K.C.B., C.S.I., C.I.E., Assist. Quarter-Master-General, Army Head Quarters</p> <p>Neave, E. S., Capt. 18th Beng. Cav.</p> <p>Grant, J. M., Major-General, Madras Staff Corps</p> <p>Bythell, R., Major, Fort Adjutant, Asseerghur</p>	<p>Ostrehan, E. S., Lt.-Col., Bom. Staff Corps</p> <p>Watts, J. G., Lieut.-Col. Bombay Staff Corps</p> <p>Colongan, J., Fitzgerald, Major Bengal S.C.</p> <p>Sewell, H. Fane H., Major Madras Staff Corps, Hyderabad Contingent</p> <p>Clutterbuck, T. St. Q., Major 29th Punjab Inf.</p> <p>Prendergast, G. A., Lt.-Col. Comdt. 15th Bengal Cavalry</p> <p>Heyland, A. Rowley, Major 1st Bombay Lancers.</p> <p>Collen, E. H. H., Capt. Bengal S.C., First Assistant Military Sec. to the Govt. of India.</p> <p>Maccaulay, G. W., Lt.-Col., late Comt. 1st Scinde Horse</p>
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MILITIA.

ENGLAND.

Josselyn, Fredk., late Major and Adjutant Bedfordshire Militia

Allison, Jas. J., Col. N. Durham

Hall, G., Lieut.-Col. late Durham (Artillery)

Digweed, W. H., Lt.-Col., late Hampshire

Campbell, J. B., Lt.-Col. late Hampshire (Artillery)

Bernon, Alderson, Capt. late Isle of Wight (Artillery)

Doughty, Chester, Major and Adj. Hereford

Bailey, Vincent, Capt. Hertford.

Perrott, Herbert C., Capt. East Kent.

Wilson, C. T., Major 7th Royal Lancashire

Webster, R. G., Capt. late 5th Royal Lancashire

Enfield, Viscount, late Honorary Col. 2nd Royal Edmonton Rifles

Baylis, T. Erskine, Capt. Royal Elthorne L. I.

Sewell, T. D., Major Royal London

Northumberland, His Grace the Duke of, Lieut.-Col. Northumberland

Adair, A. W., Lieut.-Col. Commdt. 2nd Somerset

Foster, Kingsley O., Capt. The (King's Own) 1st Stafford

Tompson, H. Steuart, Major and Adj. 2nd. Stafford

Peal, L. W., Capt. Suffolk Artillery, M.A.

Browning, M. C., Major, West Suffolk

Evelyn, G. P., Lt.-Col. Commandant 1st Roy. Sur

Davis, John, Capt. 2nd Royal Surrey, F.S.A.

Flower, L., Major 3rd Roy. Surrey, I. Musketry

Lee, J. W., Captain Queen's Own Light Infantry

Cockle, G., M.A., Maj. Rl. Westmorland, I. Musketry

Fyera, H. T., Hon. Col. East and North York (Art.)

Wade, Dalton H. C., C.B., Col. North York Rifles

Raikes, G. A., Capt. 3rd West York, F.S.A.

Cadman, W. E., Major 5th West York

Garnham, R. E. W., Lt.-Col. 6th West York

SCOTLAND.

Fordyce, Alex. D., Capt. late The Duke of Edinburgh's Own Edinburgh (Artillery).

Kintore, Earl of, Capt. Royal Aberdeenshire Highlanders

Walker, G. G., Lt.-Col. Scottish Borderers

Hardie, H. R., Major, late Haddington (Artillery)

Halkett, J. C. C., Lt.-Col., late Stirling.

Mackenzie, Colin, Capt. The Highland Rifle Militia.

IRELAND.

Stawe W. St. Leger Alcock, Lieut.-Col. late North Cork (Rifles)

Duncan, P., Col. West Cork (Artillery)

Thackwell, J. E. L., Major Royal Cork City (Art.)

Forbes, Hon. W. F., Col. Leitrim Rifles

Gort Viscount, Hon. Col. Limerick City (Artillery)

Fox, L. Loftus B., Major Prince of Wales' Roy. Longford Rifles

Caulfield, J. A., Lt.-Col. late Royal Tyrone Fus.

Cuffe, O. W., Major and Adj. Waterford (Artillery)

YEOMANRY CAVALRY.

Croft, R. B., Capt. Herts, F.L.S., F.R.M.S.

Tottenham, C. J., late Hon. Col. Denbighshire

Mildmay, Sir H. B. P. St. John, Bart., Lieut.-Col. Hampshire

Hamilton, J. G. C., Major Lanarkshire Q.O.

Portman, Hon. W. H. B., Col. late West Somerset

Stanhope, W. T. S., Capt. 1st West York

HON. ARTILLERY COMPANY.

Raikes, G. A., Captain, Instructor of Musketry.

VOLUNTEER CORPS.

Artillery.

Innes, Alex. Major, Aberdeen and Kincardine
Moore, Geo., Lieut. late 3rd Essex
Pooley, H., Captain late Cheshire
Butley, J. Lewis. Captain 2nd Middlesex

Engineers

Kain, G. J., Capt. late Middlesex
MacIver, D., Major 1st Gloucester

Rifles.

Yorke, P. C., Capt. and Adj. 1st Bucks
Acland, Sir Thomas Dyke, Bart., M.P., Lieut.-Col.
late Devon
Davidson, D., Lieut.-Col. Edinburgh City
Twyford, H. B., Lieut.-Col. late Hampshire
Hardinge, Viscount Lieut.-Col. 1st Kent
Sweny, Eugene, Capt. 4th Kent.
Crawley, T. G. Major, and Adj. 7th Lanark, Airdrie
Hutchinson, J., Hon. Col. 5th Lancashire
Halford, Sir Henry St. J., Bart., Lieutenant-Col.
Leicestershire
Vickers, C. B., Lt.-Col. 2nd London
Tomkins, A. S., Capt. late 1st Middlesex Victorias

Verity, C. F., Major 2nd South Middlesex

Page, Sam. Flood, Major late London Scottish
Lombard, G. C. S., Capt. and Adj. 12th Middlesex
Baker, James, Lt.-Col. late Cambridge University
White, C. W., Capt. 22nd Middlesex (Central London Rangers)
Roupell, C. M., Capt. late 23rd Inns of Court
Enfield, Viscount, Honorary Col. 17th Nth, Midlar
Baylis, T. Henry, Lt.-Col. 18th Middlesex, Q.C.
Cronin, Alfred C., Capt. 19th Middlesex
Leighton, Sir Fredk., Lieut.-Col. 20th Midlxs, R.V.,
F.R.A.
Vincent, C. E. Howard, late Lieut.-Col. 40th
Middlesex
Skrine, Harcourt, Capt. late 43rd Middlesex
Wright, C. J., Lieut.-Col. late Nottingham
Thomas, W. H., Capt. 1st Surrey
Dartmouth, Earl of, Capt. late Stafford
Rouse, Rolla, Major late 2nd Suffolk
Harding, Charles, Major late 19th Surrey F.R.G.S.
Ratcliff, C., Lieut.-Col. late 1st Warwickshire
Longstaff, Lieut.-Col. late 1st East
York, F.R.G.S.

COLONIAL RESERVE FORCES.

Militia.

Gore, Augustus F., Lt.-Col., Barbadoes
Brunel, A., Lt.-Col., Active Militia, Canada
Montzambert, Charles E., Lt.-Col., Captain B. Battery, School of Gunnery, Quebec
Imlack, R. W., Lt.-Col., British Guiana
Turnbull, J. F., Colonel Canadian Hussars
Sargood, F. T., Major Victoria Field Artillery, Melbourne.

GOLD MEDALLISTS.

Naval.

1876. Commander G. H. U. Noel, R.N.
1878. Captain P. H. Colomb, R.N.
1880. Captain the Hon. Edmund R. Fremantle, C.B., C.M.G., R.N.

Military.

1875. Captain H. W. L. Hime, R.A.
1877. Lieut. John Ross-of-Bladensburg
Coldstream Guards.
1879. { Captain Emilius Clayton, R.A.
Major T. Fraser, R.E.
1881. Captain J. K. Trotter, R.A.

1881-82.

Subject for the Naval Prize Essay :—

“On the Best Method of Providing an Efficient Force of Officers
“and Men for the Navy, including the Reserves.”

ROYAL UNITED SERVICE INSTITUTION.

PATRON.

HER MAJESTY THE QUEEN.

VICE-PATRONS.

FIELD-MARSHAL H.R.H. THE PRINCE OF WALES, K.G., G.C.S.I., A.D.C., &c., &c.
 REAR-ADMIRAL H.R.H. THE DUKE OF EDINBURGH, K.G., A.D.C., &c., &c.
 MAJOR-GENERAL H.R.H. THE DUKE OF CONNAUGHT, K.G., K.T., K.P., G.C.S.I.,
 G.C.M.G., A.D.C., &c., &c.
 FIELD-MARSHAL H.R.H. THE DUKE OF CAMBRIDGE, K.G., K.P., G.C.M.G., &c., &c., &c.,
 COMMANDING-IN-CHIEF
 GENERAL H.R.H. THE PRINCE CHRISTIAN OF SCHLESWIG-HOLSTEIN, K.G.
 LIEUT.-GENERAL H.S.H. THE PRINCE W.A.E. OF SAXE-WEIMAR, C.B.
 H.S.H. THE DUKE OF TECK, G.C.B.

Gladstone, The Right Hon. W. E., First Lord of
 the Treasury, M.P.
 Harcourt, The Right Hon. Sir W. V., Secretary
 of State for the Home Department, M.P.
 Granville, The Right Hon. the Earl, Secretary of
 State for Foreign Affairs, K.G.
 Kimberley, The Right Hon. the Earl of, Secretary
 of State for the Colonies.
 Childers, The Right Hon. H. C. E., Secretary of
 State for War, M.P.
 Hartington, The Right Hon. the Marquis of,
 Secretary of State for India, M.P.
 Northbrook, The Right Hon. the Earl of, G.C.S.I.,
 First Lord of the Admiralty.
 Cowper, The Right Hon. the Earl, Lord Lieutenant
 of Ireland, K.G.
 Ripon, The Most Noble the Marquis of, Viceroy
 and Governor-Gen. of India, K.G.
 Beresford, Right Hon. William, Major late 17th
 Lancers.

Sartorius, Sir George Rose, Admiral of the Fleet,
 G.C.B.
 Napier of Magdala, The Right Hon. Lord, General,
 G.C.B., G.C.S.I., &c.
 Wallis, Sir Provo William Parry, Admiral of the
 Fleet, G.C.B.
 Somerset, His Grace the Duke of, K.G.
 Yorke, Sir Charles, Field-Marshal, G.C.B., Con-
 stable of the Tower.
 Strathnairn, Field Marshal, the Right Hon. Lord,
 G.C.B., G.C.S.I.
 Keppel, the Hon. Sir Henry, Admiral of the Fleet,
 G.C.B.
 Mundy, Sir George Rodney, Admiral of the Fleet
 (retired), G.C.B., D.C.L., &c., &c.
 Hope, Sir James, Admiral of the Fleet, G.C.B.
 Symonds, Sir Thomas Matthew Charles, Admiral of
 the Fleet, G.C.B.

PRESIDENT.—FIELD-MARSHAL H.R.H. THE DUKE OF CAMBRIDGE, K.G., K.P., G.C.M.G.,
 &c., &c., COMMANDING-IN-CHIEF.

VICE-PRESIDENTS.

Hamilton, Sir Frederick W., General, K.C.B.
 Alcock, T. St. L., Colonel Royal East Middlesex
 Militia.
 Fishbourne, E. G. Admiral, C.B.
 Nicolson, Sir Frederick W. E., Bart., Admiral, C.B.
 Collinson, Sir Richard, Admiral, K.C.B.
 Codrington, Sir William J., General, G.C.B.
 Hay, The Right Hon. Sir John C. D., Bart.,
 Admiral, C.B., D.C.L., F.R.S., M.P.

Wavency, The Right Hon. Lord, Col. Commandant
 Suffolk Artillery Militia, A.D.C. to the Queen,
 F.R.S.
 Stephenson, F. C. A., Lieut.-General, C.B.
 Ommanney, Sir Erasmus, Admiral, C.B., F.R.S.
 Hume, Henry, Col., C.B., late Grenadier Guards.
 Higgins, W. F., Esq., late of the Colonial and War
 Offices.

COUNCIL 1880—1881.

CHAIRMAN—Nicolson, Sir Frederick W. E., Bart., Admiral, C.B.

VICE-CHAIRMAN—Walker, C. P. B., Lieut.-General, C.B.

Hardinge, E., Rear-Admiral, C.B.
 Dunlop, Hugh, Admiral, C.B.
 Nugent, C. B. P., Colonel, C.B., R.E., &c., &c.
 Nolloth, M. S., Rear-Admiral.
 Aday, Sir John M., Lieut.-General, K.C.B., R.A.,
 Surveyor-General of the Ordnance.
 Higginson, G. W. A., Major-General, C.B., Com-
 manding Home District.
 Walker, C. P. B., Lieut.-General, C.B., Director-
 General of Military Education.
 Clive, E. H., Col. Grenadier Guards.
 Goodenough, W. H., Col. R.A., Assist. to the
 Director of Artillery and Stores.
 Selwyn, Jasper H., Vice-Admiral.
 Festing, Sir Francis W., K.C.M.G., C.B., Col.
 R.M.A., Assistant Adjutant-General, A.D.C. to
 the Queen.

Key, Sir Cooper, Admiral, K.C.B., F.R.S., First and
 Principal Naval A.D.C. to the Queen, Lord of the
 Admiralty.
 Blundell, H. B. H., Lieut.-Col. Grenadier Guards,
 Assistant Adjutant and Quartermaster-General,
 Home District.
 Graham, Sir Lumley, Bart., Colonel.
 De Horsey, Algernon F. R., Vice-Admiral.
 Goldsmid, Sir Frederic J., Maj.-Gen., K.C.S.I., C.B.
 Crossman, Colonel, C.M.G., R.E.
 Hoskins, A. H., Rear-Admiral, C.B., Lord of the
 Admiralty.
 Furse, G. A., Major 42nd Regt., D.A.Q.M.G.
 Luard, W. G., Vice-Admiral, C.B.
 Green, Malcolm S., Colonel, C.B.
 Home, D. Milne, Captain Royal Horse Guards, M.P.
 *Fox, W. R., Major, R.A., D.A.Q.M.G., Intelligence
 Branch, War Office.

* Nominated by the War Office.

SECRETARY AND CURATOR—Captain Boughie Burgess.

LIBRARIAN, ASSISTANT SECRETARY, AND ACCOUNTANT—Thomas P. Sullivan, Esq., late Lieutenant
 56th Regiment.

CORRESPONDING MEMBERS OF COUNCIL:—

ROYAL NAVY.

Armistead, The Rev. C. J., M.A.	Field, E., Capt.	Molyneux, W. H. M., Comr.
Bateman, R. S., Capt.	Fisher, J. A., Capt.	Napier, G. J., Rear-Adml.
Bosanquet, G. S., Capt.	Fitzclarenc, Hon. G., Capt.	Norcock, C. J., Lieut.
Bowden-Smith, N., Capt.	Fitzroy, R. O'B., Capt.	Pike, J. W., Captain
Bower, Graham J., Lieut.	Fulford, J., Admiral	Prevost, J. C., Vice-Admiral
Brent, Capt. H. W.	Gibbons, C., Capt.	Randolph, G. G., C.B., Vice-Admiral
Byrthsea, J. S.C., J.C., C.B., Rear-Admiral	Gilmore, A. H., Commander	Sandys, H. S., Comr.
Clanchy, H. F., Comr.	Grenfell, Hubert H., Commander	Seymour, Sir F. B. P., K.C.B., Vice-Admiral
Codrington, W., Capt.	Hall, R., C.B., Rear-Adml.	Shortland, P. F., Rear-Adml.
Comber, H. W., Capt.	Hand, G. W., Comr.	Smith, S. S., Comr.]
Coots, R., Vice-Adml.	Harvey, J. W. F., Comr.	Southey, J. L., F.R.G.S., Paymr.
Crofton, S. S. L., Rear-Adml.	Hayes, J. M., Rear-Adml., C.B.	Spencer, Hon. J. W. S., Vice-Admiral
Cuning, W. H., Capt.	Hunt, W. G. F., Assist.-Paymaster, F.R.G.S.	Spratt, T. A. B., C.B., F.R.S., Vice-Admiral
De Rebeck, H. St. J., Comr.	Inglis, John, Comr.	Vernay, Edmund Hope, Captain
Durrant, F., Capt.	Inglis, C. D., Capt.	Ward, Thos. Le H., Captain
Egerton, Hon. F., Rear-Admiral	Lindsay, Charles, Lieut. R.N.	
Egerton, F. W., Comr.	Marten, F., Rear-Adml.	
Farquhar, A., Vice-Admiral		

ROYAL MARINES.

Artillery.

Needham, J. L., Capt., Professor of Fortification, B.N. College, Greenwich

Light Infantry.

Champion, P. R., Capt.
Farquharson, M. H., Capt.
Frampton, Cyril, Capt.

ROYAL NAVAL ARTILLERY VOLUNTEERS.

Ashley, Lord, late R.N., Honorary Commander London Brigade.

ARMY.

Byng, Hon. L. F. G., Lieut. R. Horse Guards.	Hinchingsbrook, Viscount, Lieut.-Col. 3 Batt. Gren. Gds.	Farrington, M. C., Lt.-Col. 51st Regt.
Fryer, John, Lt.-Col. 6th Dragoon Guards (Carabiniers).	Trefusis, Hon. W. R., Lieutenant-Colonel 2nd Battalion Scots Guards	Foster, C. E., Major 58th Regt.
Harnett, E. L., Col. 7th Dr. Gds.	Moncreiff, G. H., Col. 2nd Batt. Scots Gds.	Frampton, W. J., Major 59th Regt.
Hozier, W. J., Major Scots Greys.	Biggs, T. S., Col. 2nd Batt. 5th Fusiliers	Gunter, E. Capt., 59th Regt.
Moore, A. G. M., Col. 4th Hussars	Cockburn, J. G., Major 1st Batt. 6th Regt.	Chalmers, R., Capt. 2nd Bais. 60th Royal Rifles
Burnell, H. D. A.P., Col. 7th Hussars	Daubeny, A. G., Lt.-Col., 2nd Batt. 7th Royal Fusiliers	Morris, A., Capt. 3rd Batt. 60th Rifles.
Watson, H. J., Captain 11th Lancers.	Brown, C. B., Major 2nd Batt. 8th King's Own	Murray, C. Wyndham, Major 61st Regt.
Russell, J. C., Lieut.-Colonel 12th Lancers.	Hare, E. H., Captain 1st Batt. 11th Regt.	Ready, J. T., Major 66th Regt.
Maillard, R. T., Capt. 16th Lancers	Parr, H. H., Capt. 1st Batt. 13th Light Inf.	Tulloch, A. B., Major 69th Regt.
Barrow, P. H. S., Major 19th Hussars	Layard, C. E., Major 1st Batt. 15th Regt.	Hildyard, H. J. T., Capt. 71st H.L.I.
Crichton, Capt. the Hon. H. G. L. 21st Hussars	Tompson, W. D., C.B., Lt.-Col. 1st Batt. 17th Regt.	Barstow, T. A. A., Capt. 72nd Highlanders.
Stirling, W., C.B., Col. R.A.	Jackson, F. G., Major 1st Batt. 21st R. Scots Fus.	Cornish, C. O., Capt. 73rd Regt.
Vesey, G. H., Major-Genl. R.A.	Browne, Edm. C. Capt., 2nd Batt., 21st R. Scots Fus., F.R.G.S.	Bengough, H. M., Brevet Lieut.-Col. 77th Regt.
Wickham, E. H., Major R.A.	Creek, E. S., Capt., 1 Batt. 23rd Royal Welsh Fusiliers.	Burroughs, C. A. P., Lt. 82nd Regt.
Penanethorne, L. P., Capt. R.A.	Terry, F. S., Major 1st Batt. 25th Regt.	Beazley, G. G., Major 83rd Regt.
Grant, W. J. E., C.B., Col. R.A.	Hale, M. H., Major 26th Regt.	Brown, Edgar Cubitt, Lieut. 89th Regt.
Hope, J. E., Col. R.A.	Barton, E., Capt., 27th Regt.	Malthus, S., Lt.-Col. 94th Regt., C.B.
Cockburn, C. F., Col. R.A.	Brodigan, F., Major 28th Regt.	Cook, H., Col. 100th Regt.
McMahon, C. J., Lt.-Col. R.A.	Spratt, E. J. H., Major 29th Regt.	Hall, Montagu, Major 101st Royal Bengal Fusiliers
Oldfield, R., Col. R.A.	Swiney, G. Clayton, Major 32nd Regt.	Rogers, J. E. V., Capt. 102nd Roy. Madras Fusiliers
Hutchinson, A. H., Lt.-Col. R.A.	Fawcett, R. Hill, Capt. 33rd Regiment.	Bell, H. J., Lt.-Col. 105th Madras Light Infantry.
Wake, A. J., Lieut.-Col. R.A.	Golding, H., Capt. 37th Regt.	Playfair, W. M., Capt. 107th Regt.
Morgan, J. P., Major R.A.	Wilson, W. H., Capt. 43rd Regt.	Wood, H., Maj. 4th Batt. Rifle Brig.
Knollys, H., Capt. R.A.	Bawlin, J., Major 48th Regt.	Brownrigg, H. S., Capt. 3rd Batt. Rifle Brigade
Owen, C. H., Col. R.A.		Croker-King, C. E., Capt. and Paymaster Rifle Brigade
Hime, H. W. L., Capt. R.A.		Bunbury, C. T., Major 1st Batt. Rifle Brigade
De Butts, J. C. B., Col. R.E.		
Drake, J. M. C., Col. R.E.		
Harrison, R. C.B., Col. R.E.		
Innes, J. McLeod, J.C., Col. R.E.		
Smith, P. G. L., Lt.-Col., R.E.		
Stoherd, R. H., Col. R.E.		
Grover, G. E., Major R.E.		
Woodward, C., Major R.E.		
James, W. H., Capt. R.E.		

CORRESPONDING MEMBERS—continued.

<p>Bale, Capt. J. E., 1st W. I. Regiment. Halpin, R. C. Rev., M.A., Chaplain to the Forces, and to H.R.H. The Duke of Cambridge. K.B. Bancroft, W. C., Colonel, Brigade Depot, Preston. Morgan, H., Major, Paym. 16th Brigade Depot McDonald, A. M., Major-General Fonblanque, E. B. de, Dep. Controller, H.P. Cox, J. W., C.B., Major-General Bolton, F. J., Lt.-Col. Unattached Pole, C. V. N., Lt.-Col. Unattached Davies, G. S., Major Unattached Stewart, W. L., Col. Unattached Yonge, G. N. K. A., Maj.-Gen. Walkey, R., Capt. R.A., Instructor of Artillery, Royal Military Academy</p>	<p>Stoney, F. S., Major R.A., Asst.-Superintendent Royal Gun Factories, Woolwich Strange, T. Bland, Lt. Col. R.A., Dominion Inspector of Artillery, Canada Robinson, C. W., Lieut.-Col. Rifle Brigade, D.A.A. and Q.M.G., Aldershot Hale, L. A., Lt.-Col. h. p., B.E. Morton, G. de C., Major, A.D.C. to the Lt.-Gov., Punjab Rogers, E., Major Staff Officer of Pensioners, Manchester, F.R.G.S. Robertson Ross, P., C.B., Col. Marsden, W., Capt. 82nd Regt. Goldsworthy, W. T., Lt.-Col. Traversa, E. A., Lieut. 25th Regt. Bulger, G. E., Lieut.-Col. late 10th Regt. Robertson, A. Cunningham, C.B., Maj.-Genl.</p>	<p>Petrie, M., Col. h. p. 97th Regt. Griffiths, E. St. J., Lt.-Col. late 1st Batt. 19th Regt. Bateman, H. W., Capt. late 31st Regt. Maclean, H. J., Lt.-Col. late 3rd Batt. Rifle Brigade Meaden, J., Lt.-Col., late Ceylon Rifles Stoker, W. Beauchamp, Capt. late 2nd W. I. Regt., A.P.D. East, C. J., Lieut.-Col., h. p., late 57th Regt. Lock, A. C. K., Col. Brig. Depot Woodgate, E. R. P., Major 4th K.O. Regt., Jamaica Thompson, R. T., Major 56th Regt., Commandant School of Music, Kneller Hall Mackinnon, W. C., Major, Asst. Adjutant-General, Bengal</p>
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INDIAN FORCES.

<p>Birch, W. B., Major Bengal Staff Corps Fombery, G. V., Q. G., Lt.-Col. late Bengal Staff Corps Gordon, J. J. H., Lt.-Col. Commandant 29th Bengal Native Infantry Lloyd, E., Captain 4th Punjab Cavalry. MacGregor, C. M., Col. C.B., C.S.I., C.I.E., Asst. Quarter-Master-General, Army Head Quarters Neave, E. S., Capt. 18th Beng. Cav. Grant, J. M., Col. Madras Staff Corps Bythell, E., Major, Fort Adjutant, Asseerghur Ostrehan, E. S., Major Bom. Staff Corps</p>	<p>Watts, J. G., Major Bombay Staff Corps Cologan, J. Fitzgerald, Major Bengal S.C. Sewell, H. Fane H., Major Madras Staff Corps, Hyderabad Contingent Clutterbuck, T. St. Q., Capt. 29th Punjab Inf. Prendergast, G. A., Lt.-Col. Comdt. 15th Bengal Cavalry Heyland, A. Rowley, Major 1st Bombay Lancers. Collen, E. H. H., Capt. Bengal S.C., First Assistant Military Sec. to the Govt. of India. Macaulay, G. W., Lt.-Col., late Comt. 1st Scinde Horse</p>
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MILITIA.

ENGLAND.

Josselyn, Fredk., Major and Adjutant Bedfordshire Militia
Allison, Jas. J., Col. N. Durham
Hall, G., Lieut.-Col. Durham (Artillery)
Digweed, W. H., Lt.-Col., late Hampshire
Campbell, J. R., Lt.-Col. late Hampshire (Artillery)
Berthon, Alderson, Capt. Isle of Wight (Arty. Mil.)
Doughty, Chester, Capt. and Adj. Hereford
Bailey, Vincent, Capt. Hertford.
Perrott, Herbert C., Capt. East Kent.
Wilson, C. T., Capt. 7th Royal Lancashire
German, J., Major late 3rd Roy. Lancashire
Webster, R. G., Capt. 5th Royal Lancashire
Enfield, Viscount, Honorary Col. 2nd Royal Edmonton Rifles
Baylis, T. Erskine, Capt. Royal Elthorne L. I.
Sewell, T. D., Capt. Royal London
Northumberland, His Grace the Duke of, Lieut.-Col. Northumberland
Adair, A. W., Lieut.-Col. Commdt. 2nd Somerset
Foster, Kingsley O., Capt. The (King's Own) 1st Stafford
Tompson, H. Stuart, Major and Adj. 2nd. Stafford
Pead, L. W., Capt. Suffolk Artillery, M.A.
Browning, M. C., Major, West Suffolk
Evelyn, G. P., Lt.-Col. Commandant 1st Roy. Sur.
Davis, John, Capt. 2nd Royal Surrey, F.S.A.
Flower, L., Major 3rd Roy. Surrey, I. Musketry

Lee, J. W., Captain Queen's Own Light Infantry
Cockle, G., M.A., Cpt. Bl. Westmorland, I. Musketry
Fyers, H. T., Lieut.-Col. East and North York (Art.)
Wade, H. C., C.B., Col. North York Rifles
Raikes, G. A., Capt. 3rd West York, F.S.A.
Cadman, W. E., Major 5th West York
Garnham, B. E. W., Lt.-Col. 6th West York

SCOTLAND.

Fordyce, Alex. D., Capt. The Duke of Edinburgh's Own Edinburgh (Artillery).
Inverurie, Lord, Capt. Royal Aberdeenshire Highlanders
Walker, G. G., Lt.-Col. Scottish Borderers
Hardie, H. Z., Major, Haddington (Artillery)
Halkett, J. C. C., Lt.-Col., Stirling
Mackenzie, Colin, Capt. The Highland Rifle Militia

IRELAND.

Stawell, W. St. Leger Alcock, Lieut.-Col. North Cork (Rifles)
Duncan, P., Lt.-Col. West Cork City (Artillery)
Thackwell, Major Royal Cork City (Artillery)
Forbes, Hon. W. F., Lt.-Col. Leitrim Rifles
Gort Viscount, Hon. Col. Limerick City (Artillery)
Fox, L. Loftus B., Major Prince of Wales' Roy. Longford Rifles
Caulfield, J. A., Lt.-Col. late Royal Tyrone Fus
Cuffe, O. W., Major and Adj. Waterford (Artillery)

YEOMANRY CAVALRY.

<p>Croft, R. B., Capt. Herts, F.L.S., F.R.M.S. Tottenham, C. J., Hon. Col. Denbighshire Mildmay, Sir H. B. P. St. John, Bart., Lieut.-Col. Hampshire</p>	<p>Hamilton, J. G. C., Major Lanarkshire Q.O. Portman, Hon. W. H. B., Col. late West Somerset Stanhope, W. T. S., Capt. 1st West York</p>
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HON. ARTILLERY COMPANY.

Raikes, G. W., Captain Instructor of Musketry.

CORRESPONDING MEMBERS—continued.

VOLUNTEER CORPS.

Artillery.
Innes, Alex. Major, Aberdeen and Kincardine
Moore, Geo., Lieut. 3rd Essex
Pooley, H., Captain Cheshire
Rutley, J. Lewis, Captain 2nd Middlesex

Engineers
Kain, G. J., Capt. Middlesex
MacIver, D., Major 1st Gloucester

Rides.
Yorke, P. C., Capt. and Adj. 1st Bucks
Acland, Sir Thomas Dyke, Bart., M.P., Lieut.-Col.
Devon
Davidson, D., Lieut.-Col. Edinburgh City
Twyford, H. R., Lieut.-Col. Hampshire
Hardinge, Viscount Lieut.-Col. Kent
Sweny, Eugene, Capt. Kent
Crawley, T. G., Capt. and Adj. 29th Lanark, Airdrie
Hutchinson, J., Hon. Col. 8th Lancashire
Vickers, C.B., Lt.-Col. 2nd London
Tomkins, A. S., Capt. 1st Middlesex Victorias

Verity, C. F., Major 2nd South Middlesex
Page, Sam. Flood, Major late London Scottish
Lombard, G. C. S., Capt. and Adj. 21st Middlesex
Baker, James, Lt.-Col. late Cambridge University
Roupell, C. M., Capt. 23rd Inns of Court
Enfield, Viscount, Honorary Col. 29th Nrt. Midlax.
Baylis, T. Henry, Lt.-Col. 36th Middlesex, Q.C.
Cronin, Alfred C., Capt. 37th Middlesex
Leighton, Sir Fredk., 38th Middlesex R.V., P.R.A.
Vincet, C. E. Howard, Lieut.-Col. late 40th
Middlesex
Skrine, Harcourt, Capt. 43rd Middlesex
Wright, C. J., Lieut.-Col. Nottingham
Thomas, W. H., Capt. 1st Surrey
Dartmouth, Earl of, Capt. Stafford
Rouse, Rolla, Major late 2nd Suffolk
Harding, Charles, Major late 19th Surrey, F.R.G.S.
Ratcliff, C., Lieut.-Col. late 1st Warwickshire
Longstaff, Llewellyn W., Lieut.-Col. 1st East York,
F.R.G.S.

COLONIAL RESERVE FORCES.

Militia.

Gore, Augustus F., Lt.-Col., Barbadoes
Brunel, A., Lt.-Col., Active Militia, Canada
Montizambert, Charles E., Lt.-Col., Captain B. Battery, School of Gunnery, Quebec
Imlack, R. W., Lt.-Col., British Guiana
Turnbull, J. F., Colonel Canadian Hussars

GOLD MEDALLISTS.

Naval.

1876. Commander G. H. U. Neel, R.N.
1878. Captain P. H. Colomb, R.N.
1880. Captain the Hon. Edmund R. Fremantle, C.B., C.M.G., R.N.

Military.

1875. Captain H. W. L. Hime, R.A.
1877. Lieut. John Ross-of-Bladensburg
Coldstream Guards.
1879. { Captain Emilius Clayton, R.A.
Major T. Fraser, R.E.

1880-81.

Subject for the Military Prize Essay :—

“Military Operations in the United Kingdom considered, particularly as influenced by the enclosed nature of the country.”